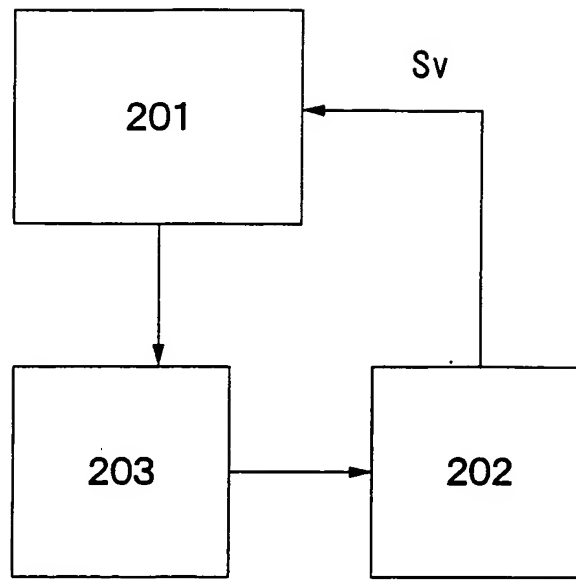


The diagram illustrates a 1-bit DAC circuit. It features a feedback loop consisting of a resistor (103) and a capacitor (104) connected between the output node (C) and the inverting input (A) of an operational amplifier (102). The non-inverting input (B) of the op-amp is connected to a reference voltage (Vref0). The output node (C) is also connected to a switch (105) controlled by a digital input (S0). The switch (105) can connect the output node to either a 'Low' or 'High' state. The output voltage (Sv) is taken from the output node (C). The circuit is enclosed in a dashed box labeled 109.

109

Fig.2



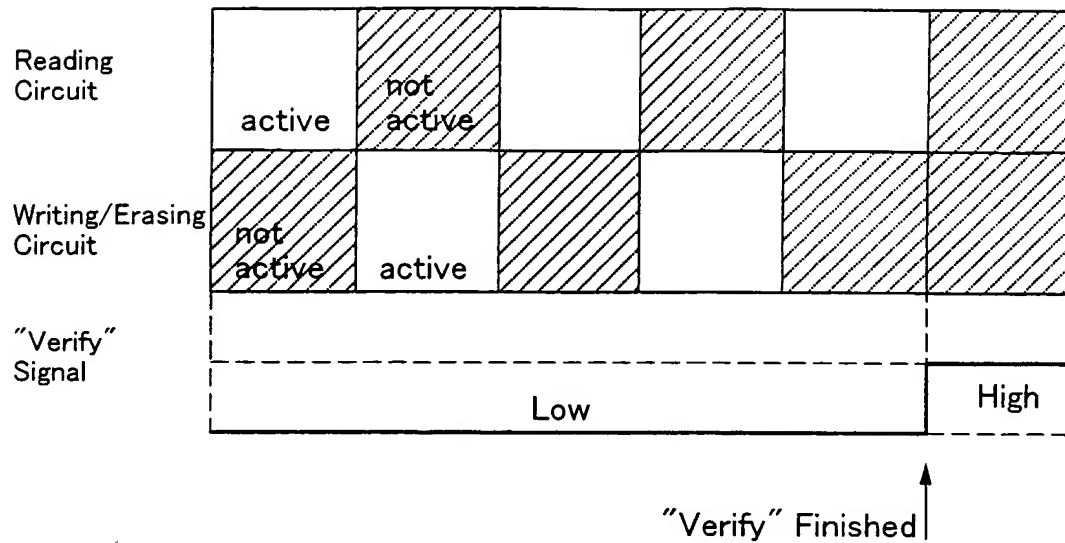


Fig.3

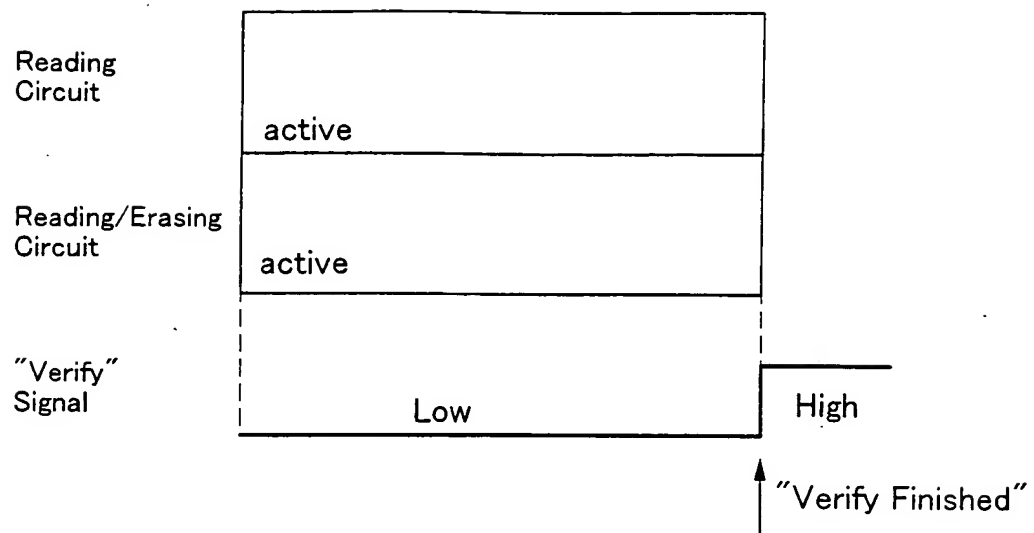


Fig.4

Fig.5

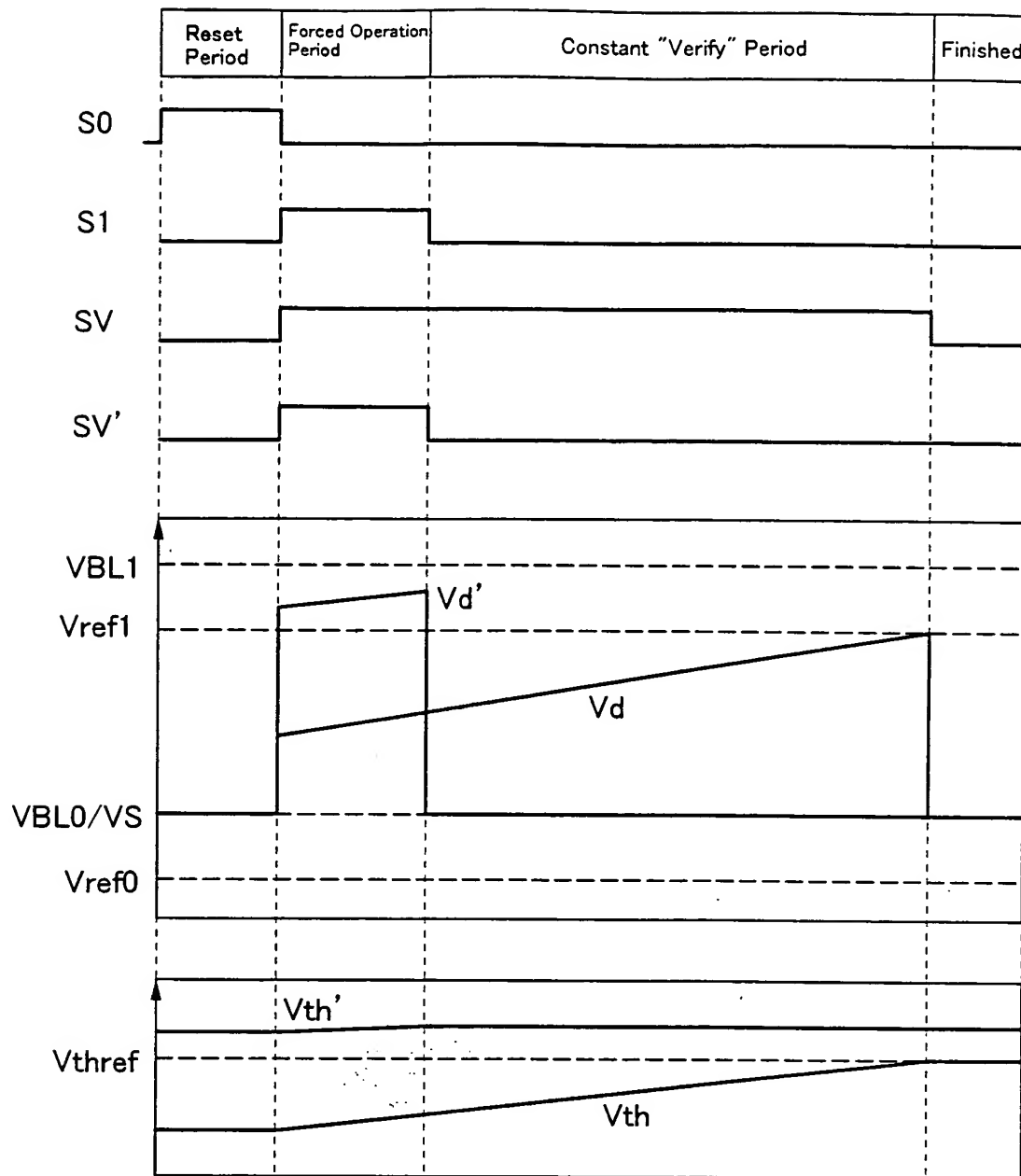


Fig.6

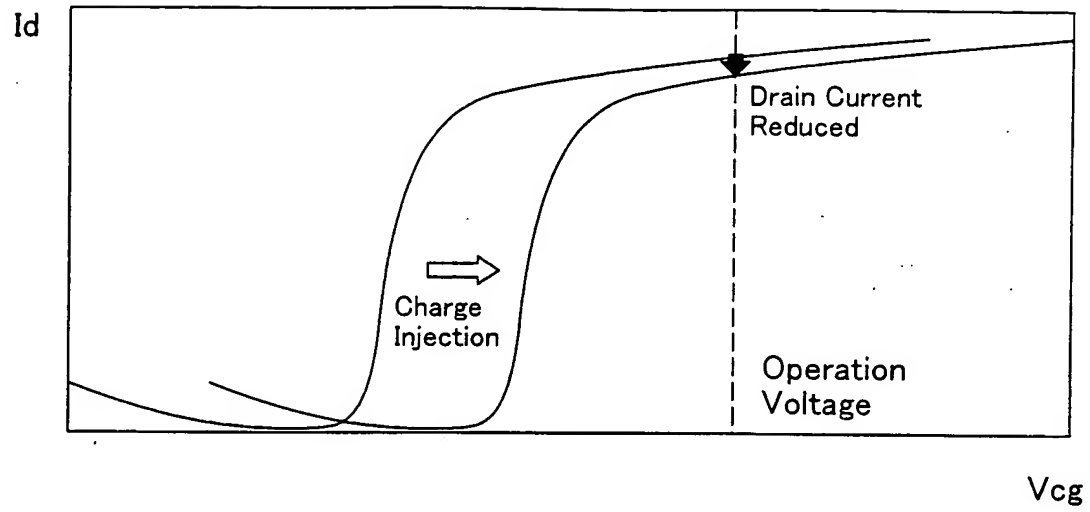


Fig.7

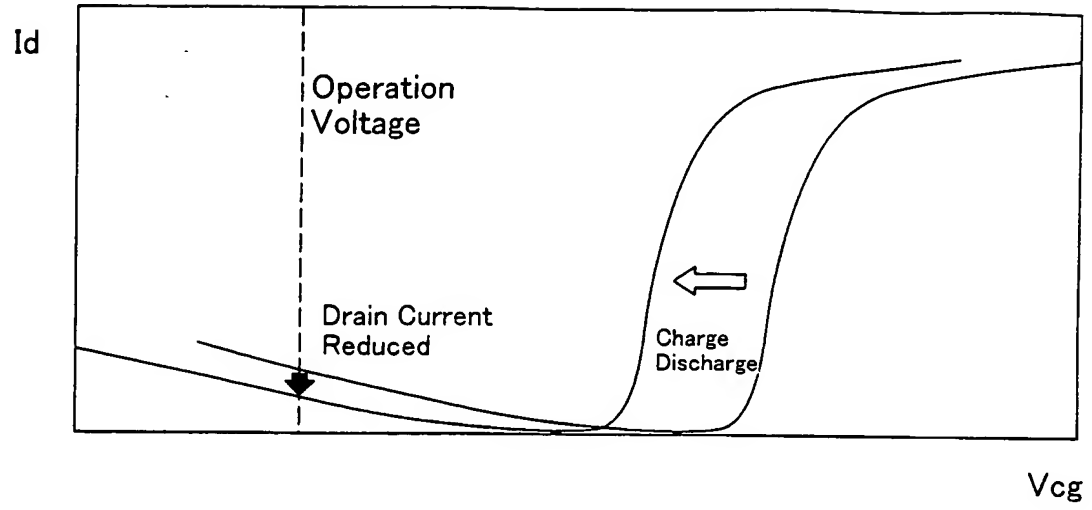


Fig.8

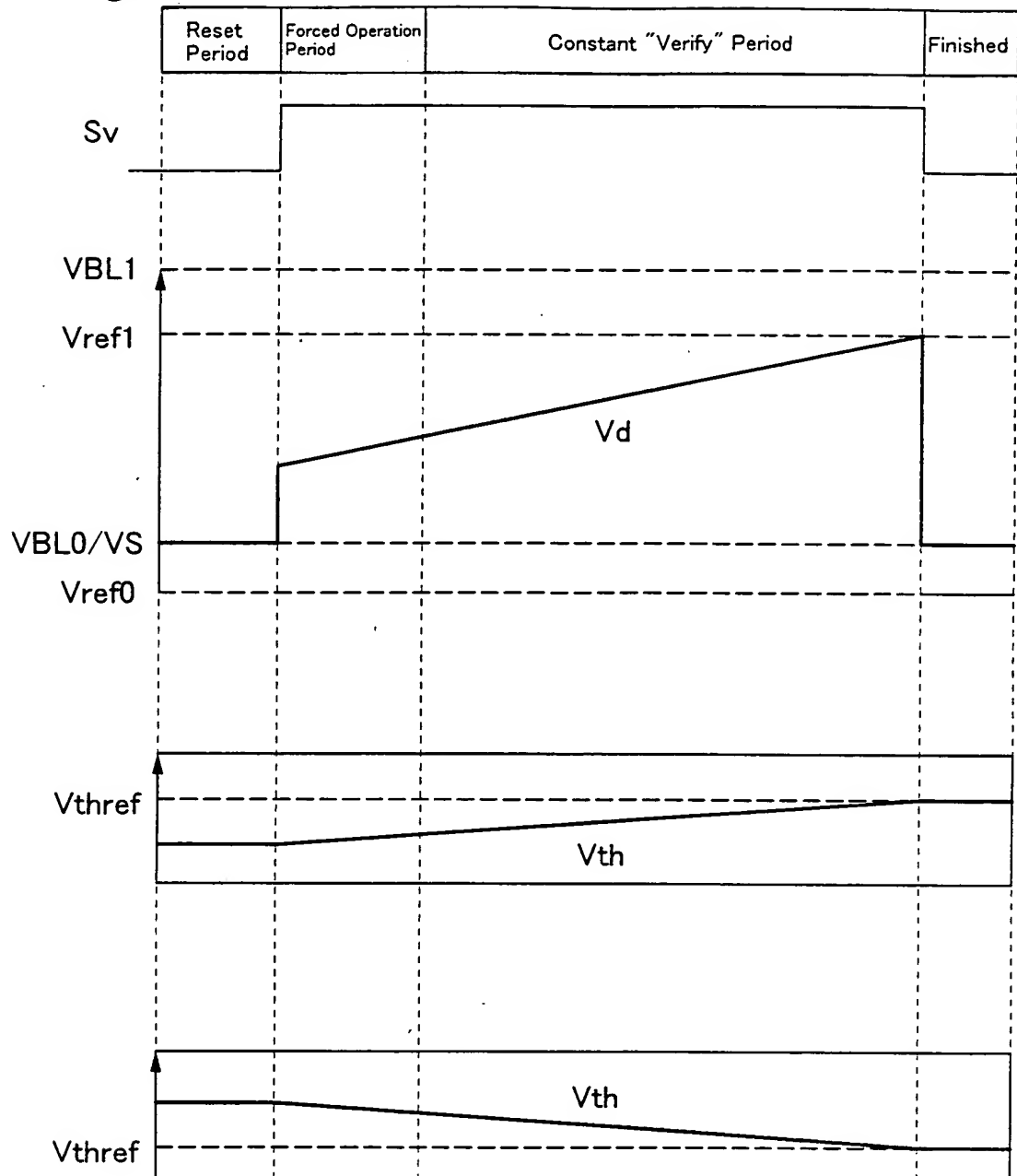




Fig.9

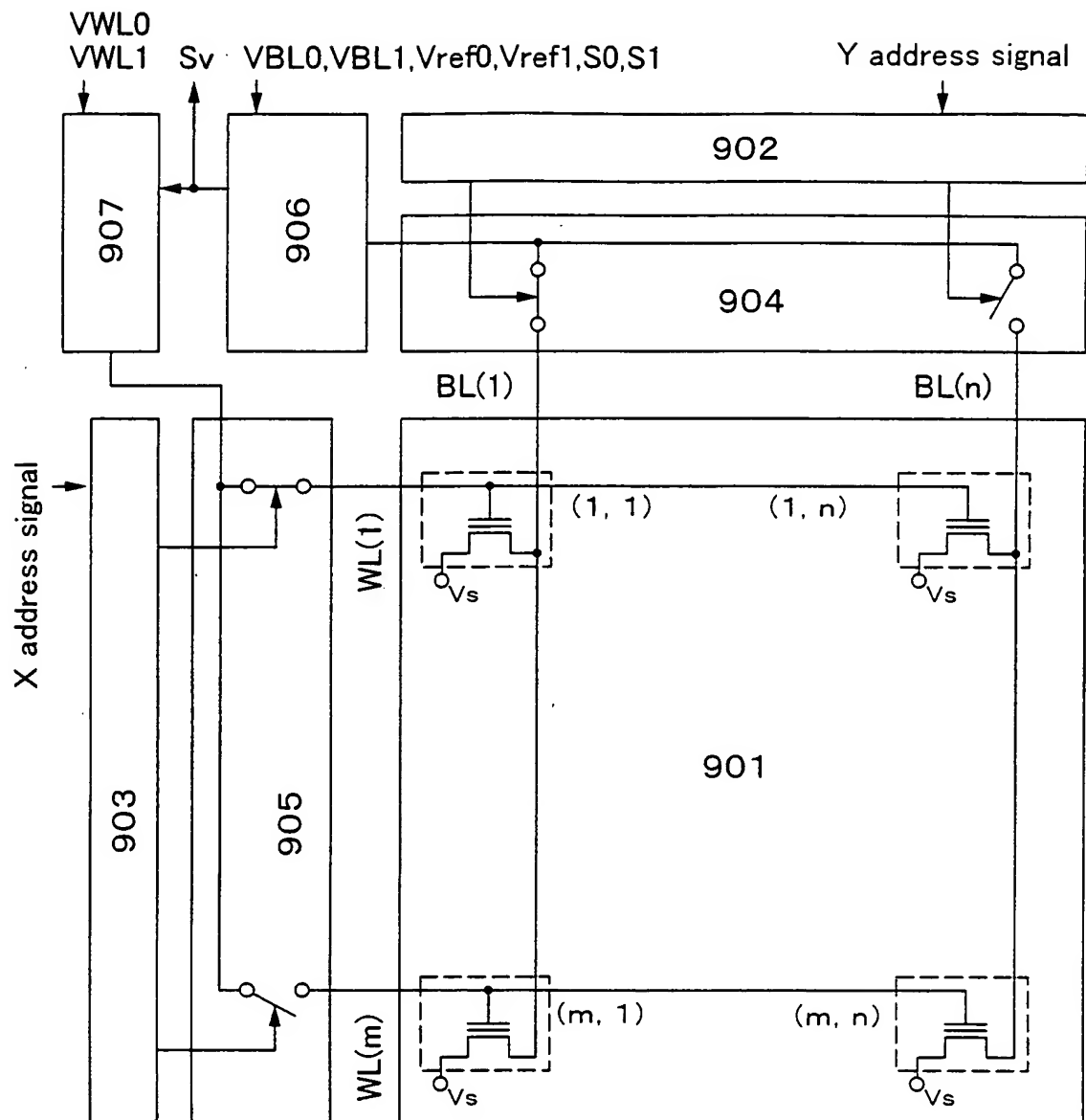


Fig.10

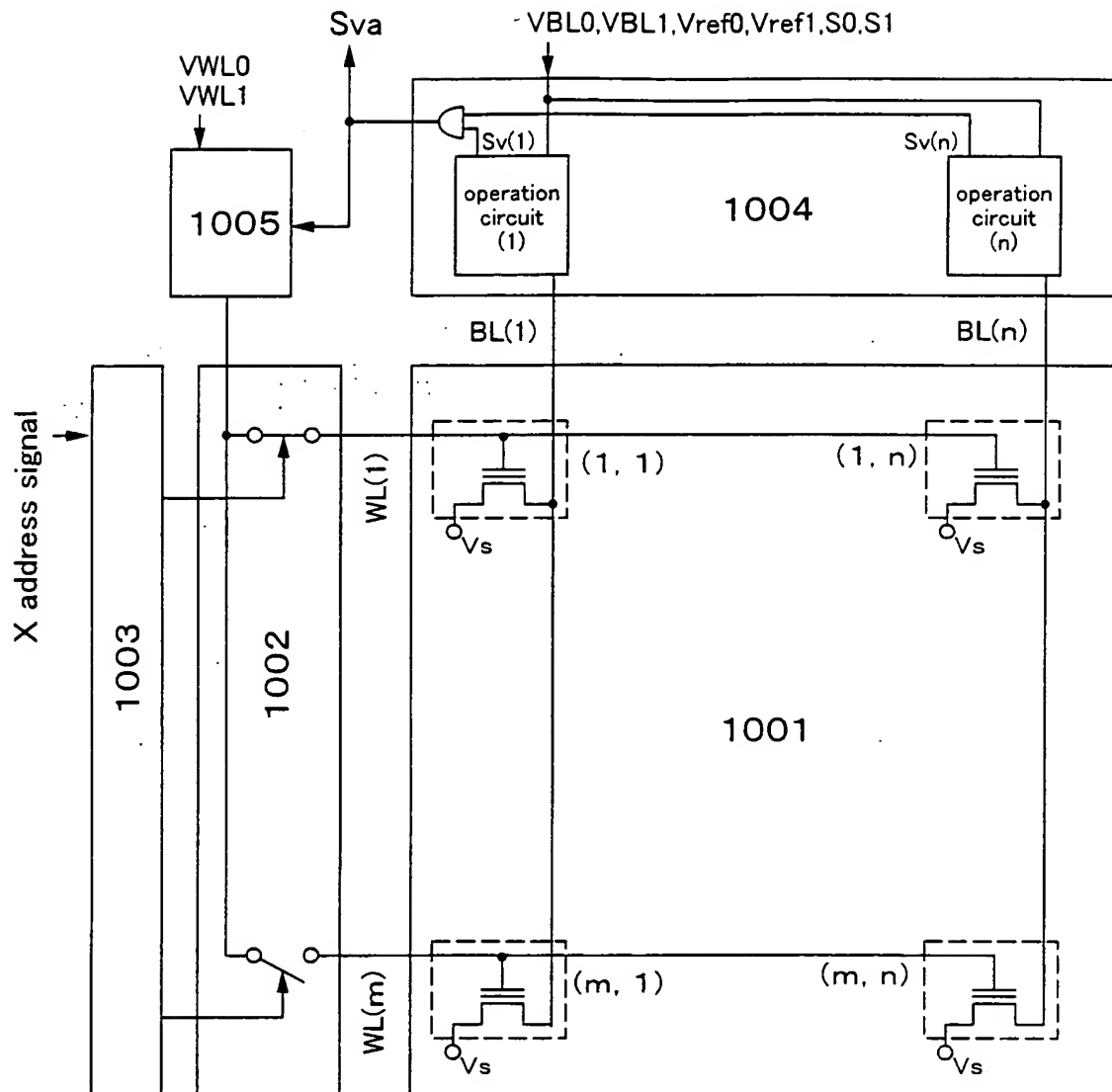


Fig.11

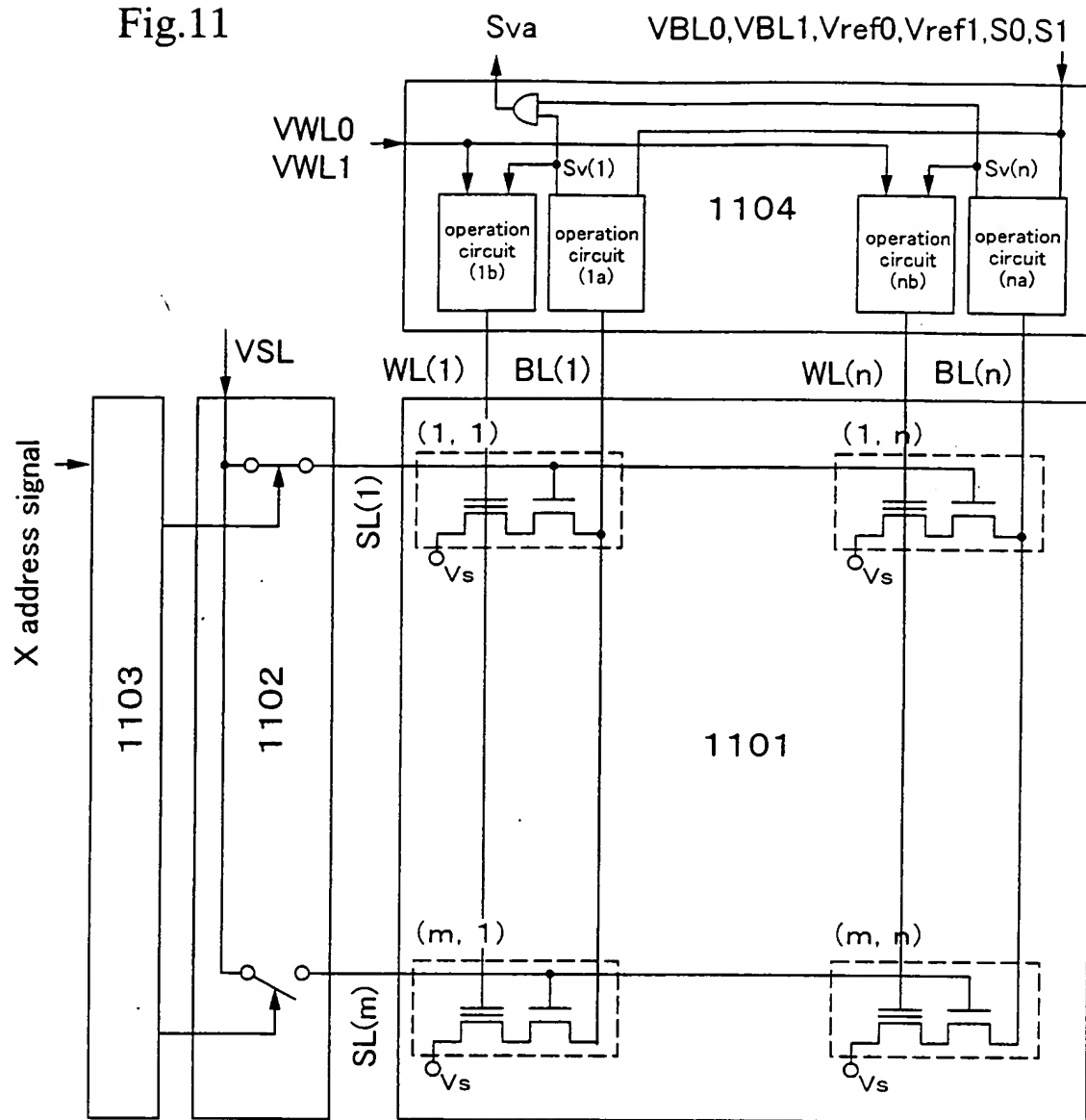


Fig.12

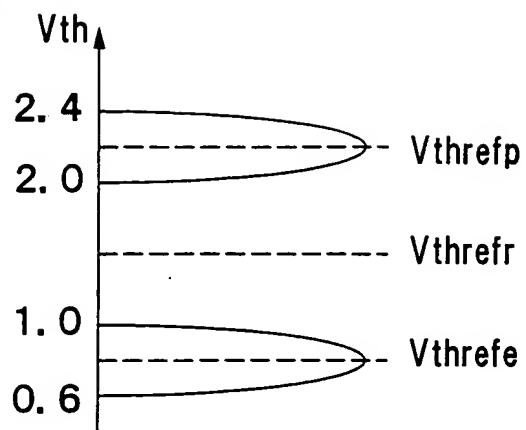


Fig.13A

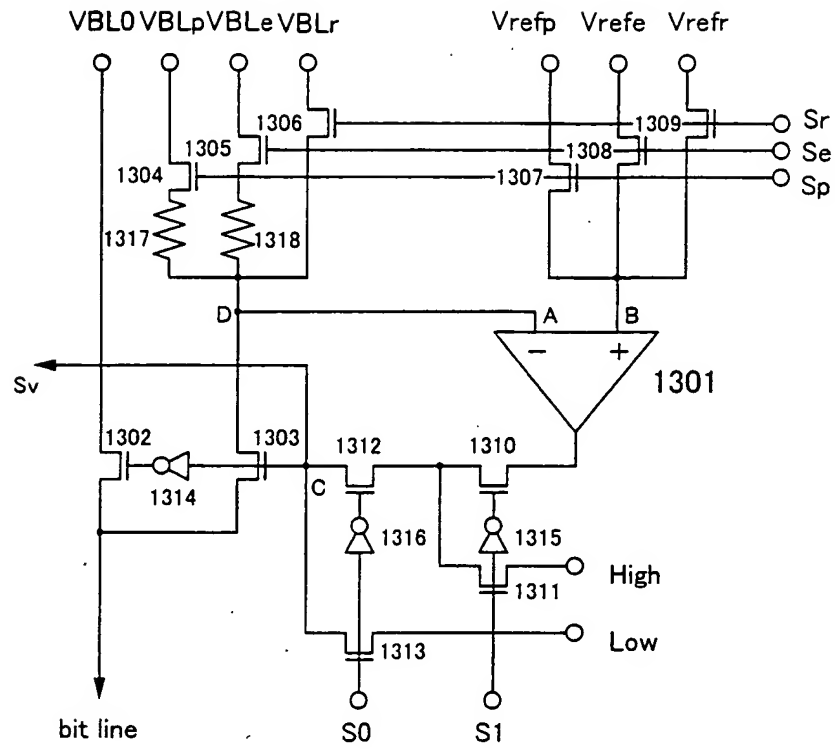


Fig.13B

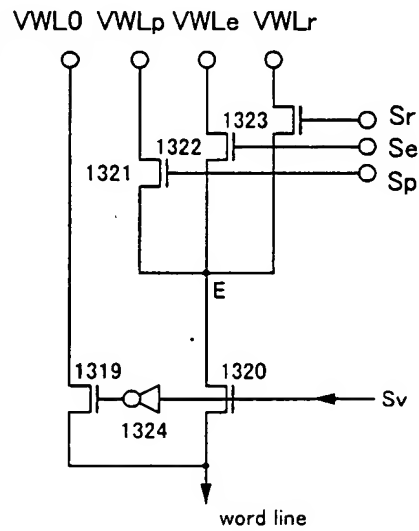


Fig.14A

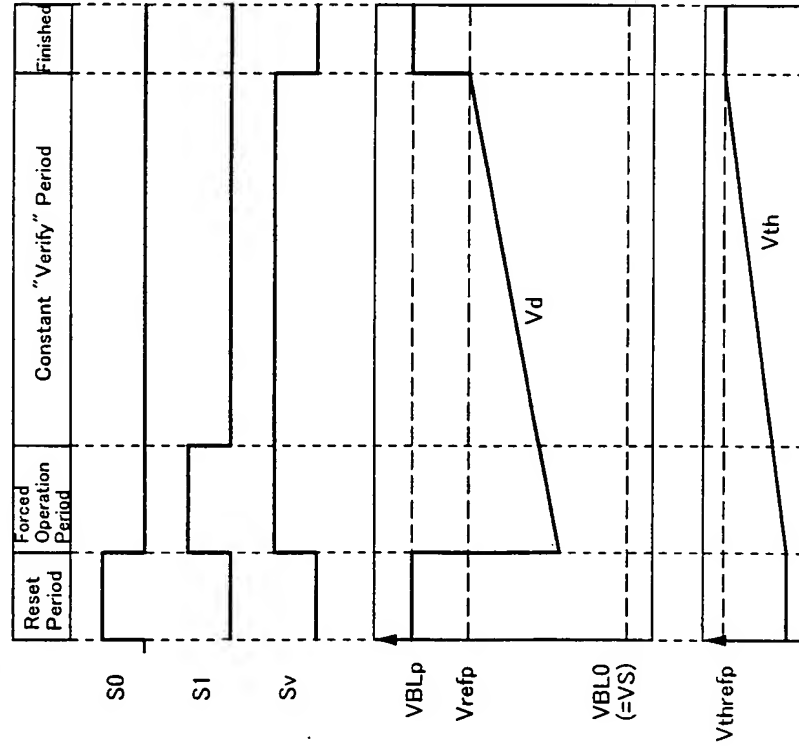


Fig.14B

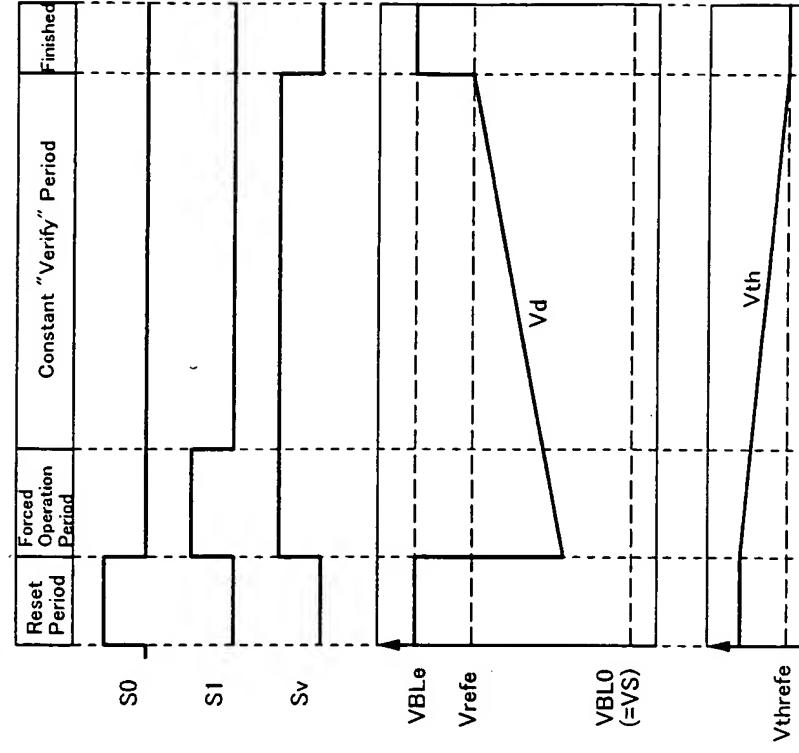
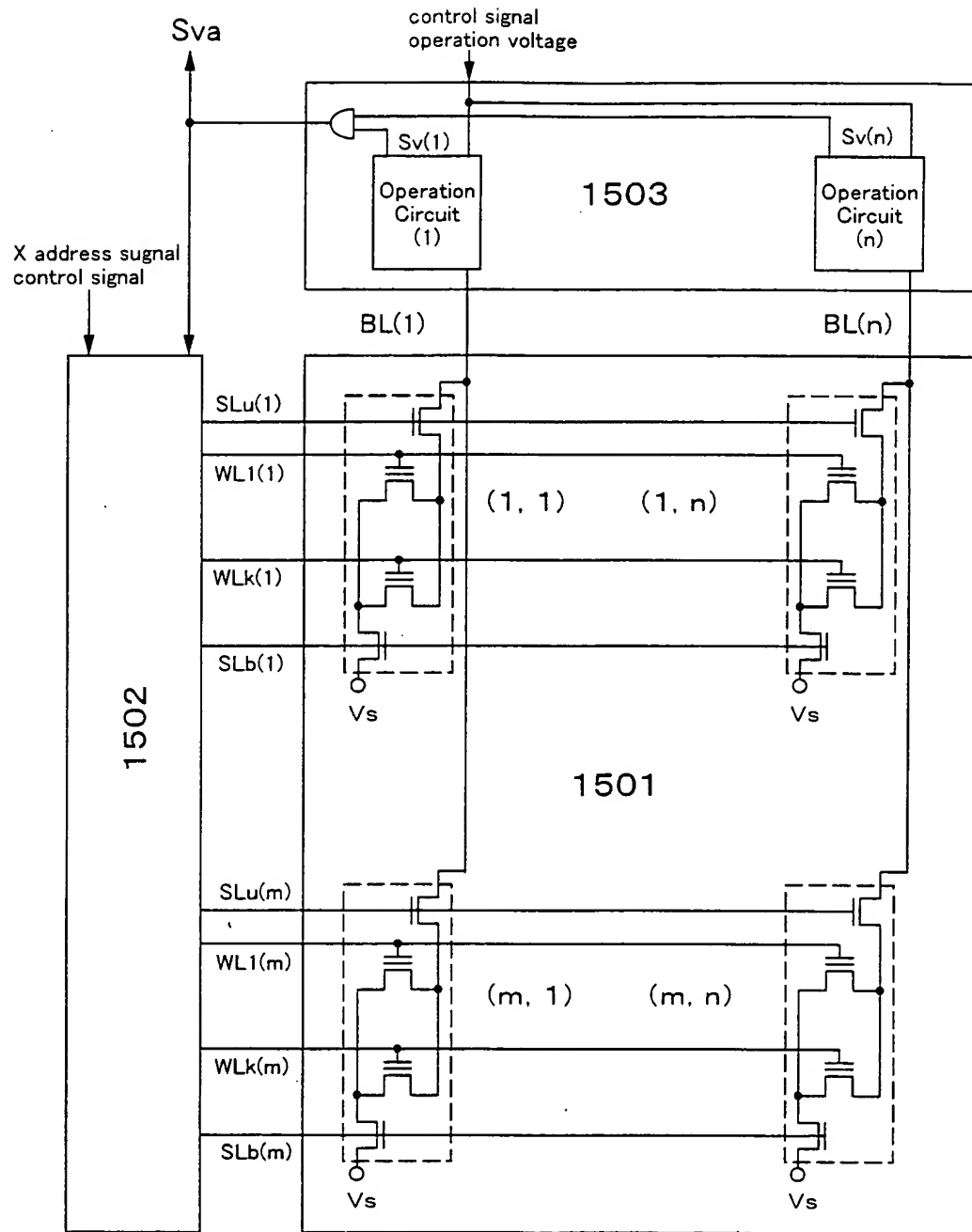


Fig.15



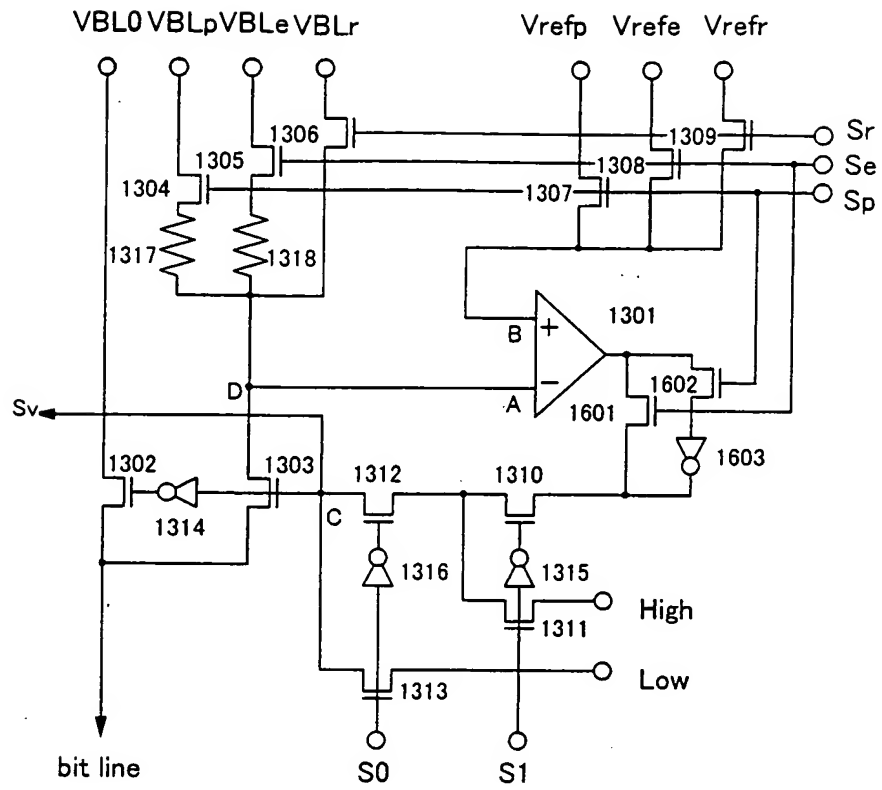


Fig.16



Fig.17

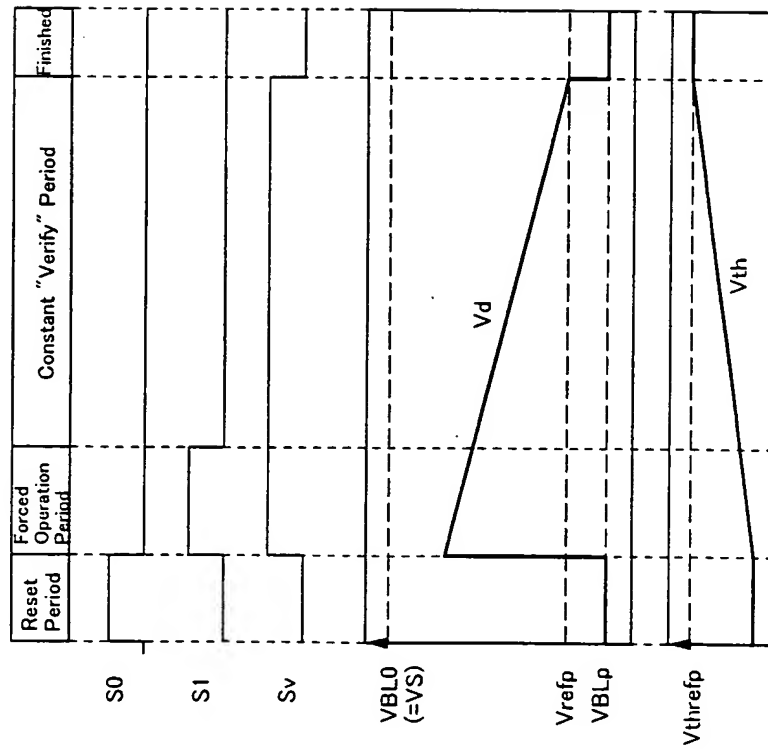


Fig.18

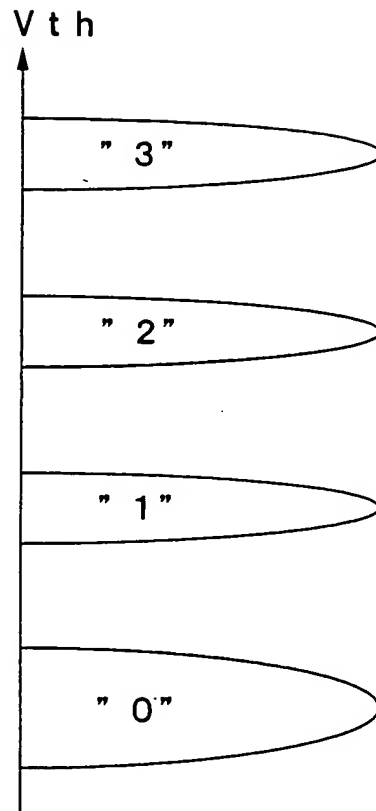
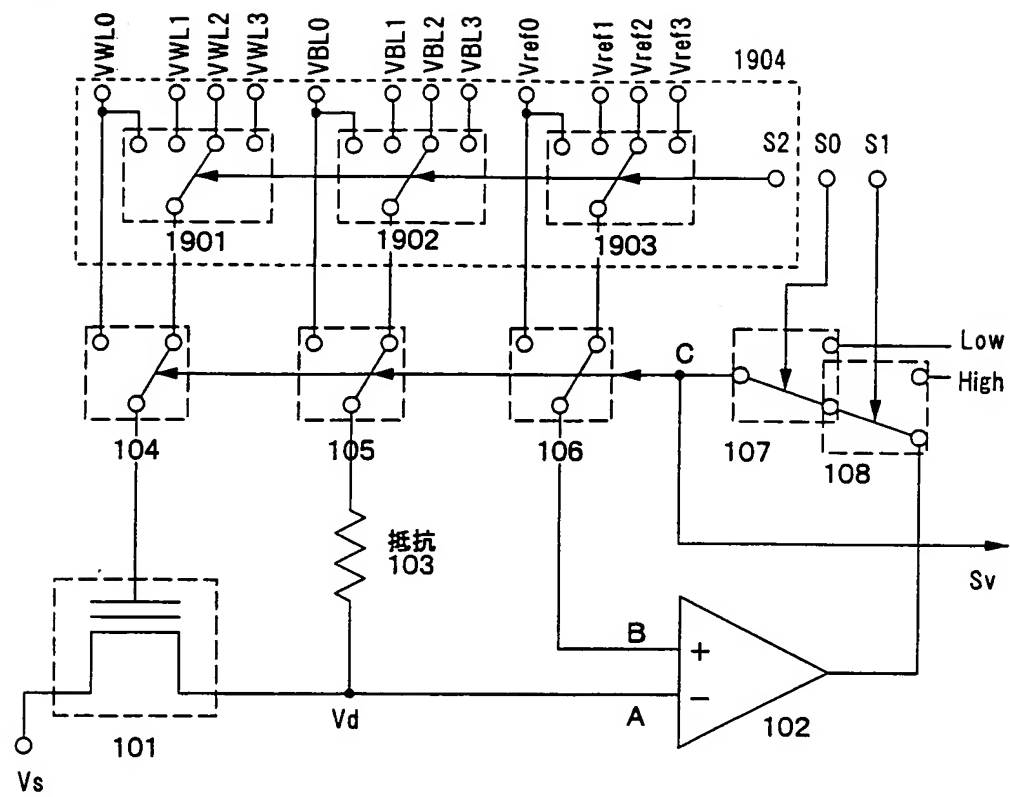


Fig.19



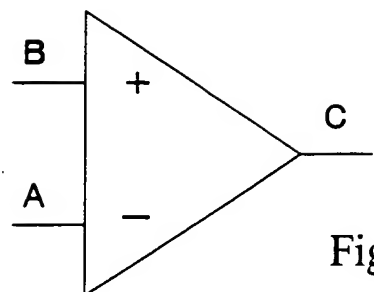


Fig.20A

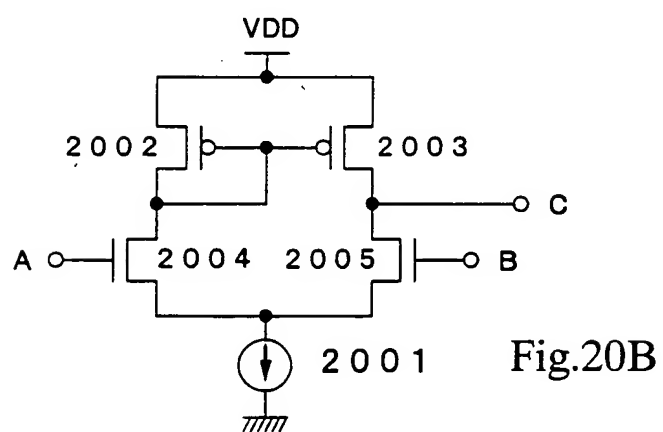


Fig.20B

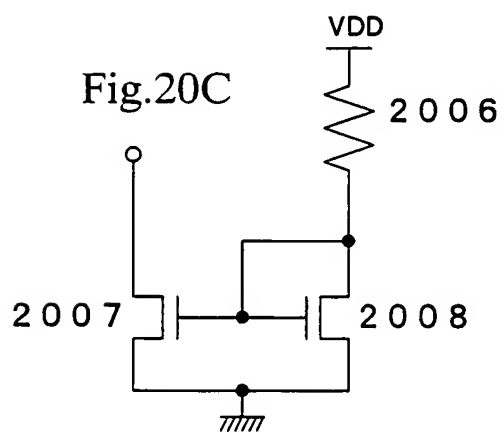


Fig.20C

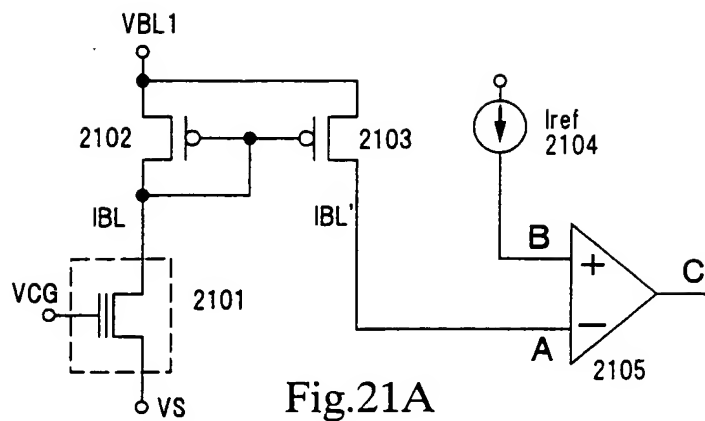


Fig.21A

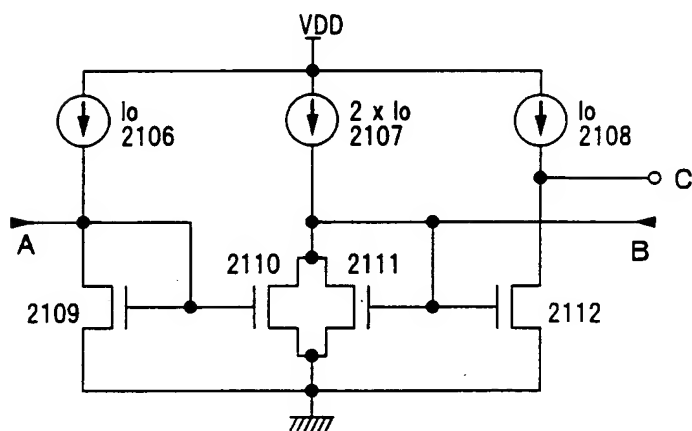


Fig.21B

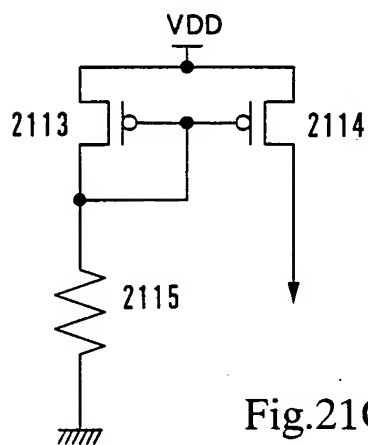


Fig.21C

Fig.22

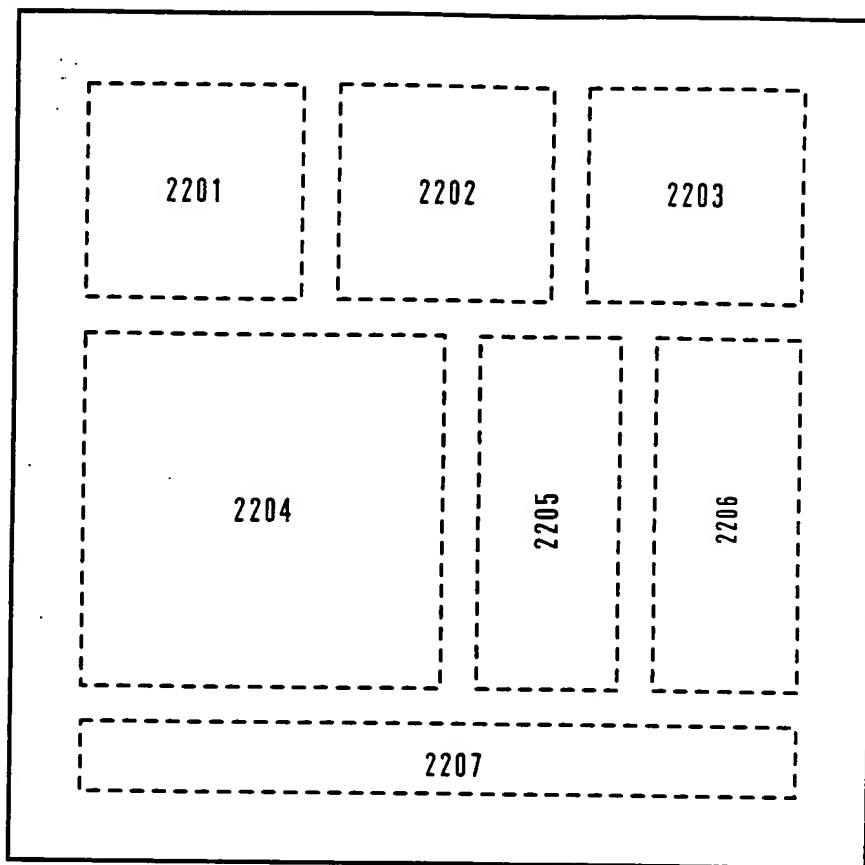


Fig.23

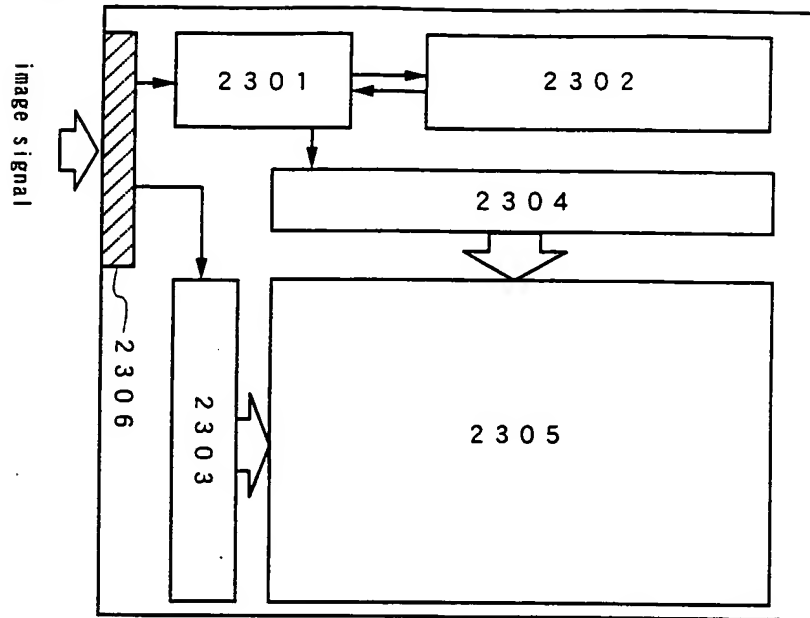


Fig.24

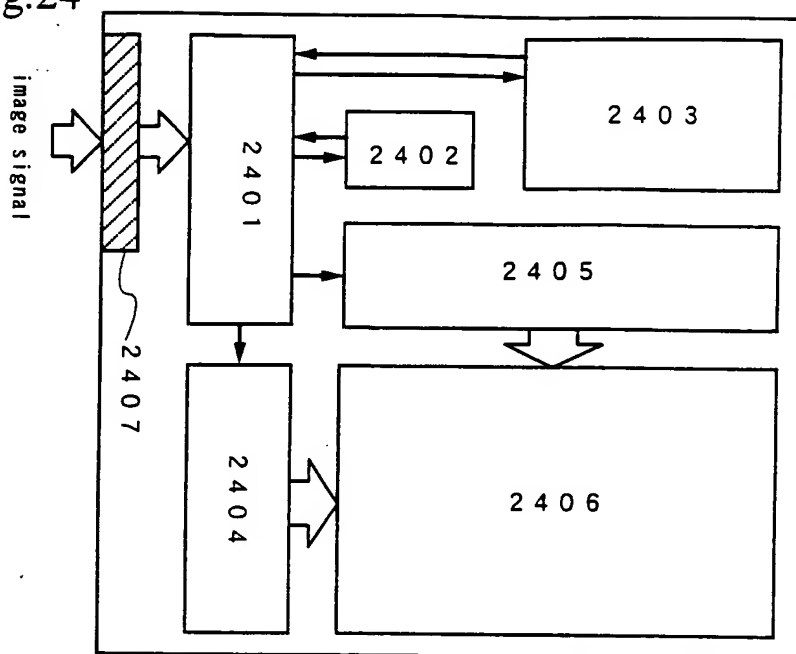




Fig.26A

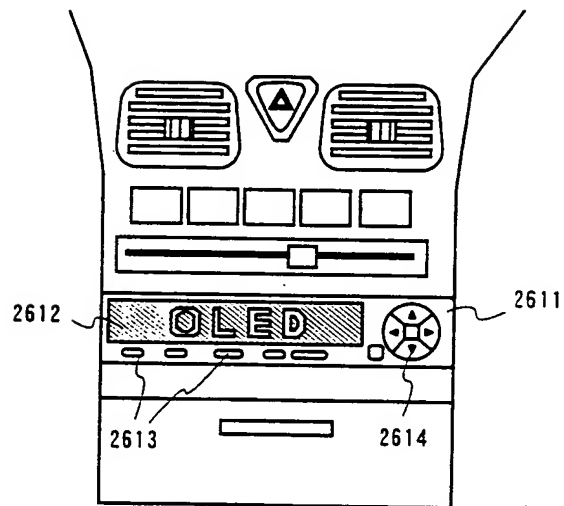
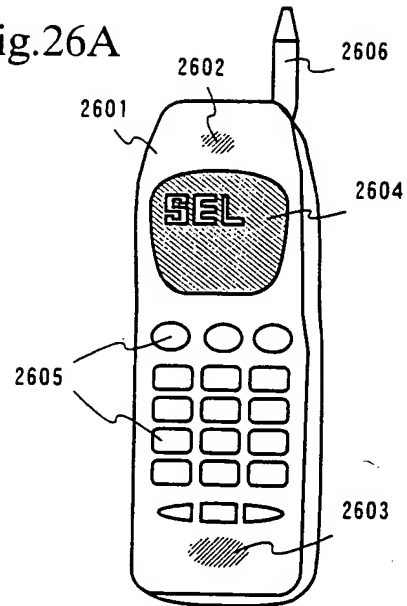


Fig.26B